

## **Health Sciences Programs:**

Community & Public Health (B.A.)

# **Assessed by:**

Dr. Pam Hoalt School of Nursing & Health Sciences

# Date (Date/Cycle of Assessment):

October 2018 Cycle: 2017/2018

# Mission Statement & Goals of the Program

The mission of Health Sciences is to prepare students to become Health Education Specialists in providing health promotion and education in the Malone Community, in the local community, and in the global community. The goal is to promote preventative healthy lifestyles for all populations by informing and serving others through the professional practices of health education.

# **Student Learning Outcomes (7 National Responsibilities for Health Education Specialists)**

- Assess needs, resources & capacity for health education/promotion & plan health education/promotion
- Implement health education/promotion & conduct evaluation and research related to health education/promotion
- Administer & manage health education/promotion & serve as a health education/promotion resource person
- Communicate, promote & advocate for health, health education/promotion and the profession

Program Intended Learning	Means of Program Assessment &	Summary of Collected Data	Strengths & Weaknesses
Outcomes (PILO)	Criteria for Success		
PILO #1	PILO #1	PILO #1	PILO #1
#1 a) Assess needs, assets & capacity for health education/promotion, and plan health education/promotion  #1 b) Students will score close to the mean score in Higher Order Learning when compared CCCU Schools	A) National Certified Health Education Specialist Examination (CHES ) b) Supervisor Evaluation of Student Health Educators c) Student Intern/Educator Senior Exit Survey	A) CHES Examination: No students took the CHES Examination in the April 2018 test cycle.  Assessing Needs, Resources & Capacity: Malone = National Average =	A) CHES EXAMINATION: No results.  B) & C) RESULTS of SUPERVISOR EVALUATION & SENIOR EXIT SURVEY: Results of both evaluations continues to reinforce the curriculum is strong, and prepares students for entry level positions in Community & Public Health Promotion. Students were
	d) National Survey of Student Engagement (NSSE):  • Higher Order Learning  Relationship to Themes (Visible/Viable/Vibrant) &	Plan Health Education/Promotion: Malone = National Average =  B) Supervisor Evaluation: Students are competent in	ranked high by supervisors in assessing needs, assets & capacity for health education/promotion and planning health education/promotion moving close to the very competent score (4.00). Seniors rated themselves slightly lower on the same items, placing them slightly above the competent score (3.00).
	Objectives  VISIBLE  a) Student Stakeholders = Increase awareness b) Internal Process = Develop marketing focus  c) Organizational capacity = Clarify	assessment of needs, resources, & capacity for health education/promotion (3.77) and planning health education/promotion (3.80). Scores are slightly lower than last year, but remain in the competent range (3.00).	D: NSSE  2018 data not available for comparison.  E: ADDITIONAL INFORMATION  1) Curriculum Changes in the Health Sciences
	brand promise	C) Senior Exit Survey: Students think they are competent in	Formative Wheel Spring 2018:

#### VIABLE

a) Financial resources =
Optimize return on investment

#### **VIBRANT**

- a) Student stakeholders =Advance learning outcomes
- b) Financial resources = Align resources with priorities
- c) Organization capacity = Develop
- a student centered culture

assessment of needs, resources, & capacity for health education/promotion (3.32) and planning health education/promotion (3.11).

Scores are slightly lower than last year, but remain in the competent range (3.00).

### d) NSSE:

**Higher Order Learning** 

First Year Mean:

2014

**Malone = 36.5** 

CCCU = 38.9

NSSE = 40.6

**Senior Year Mean:** 

2014

Malone = 42.3

CCCU = 42.0

NSSE = 43.3

The following changes in the Health Sciences curriculum was approved by the Faculty:

- a) BIOL 371 Microbiology to replace HED 342 Intro to Disease & Illness to strengthen both the undergraduate curriculum, and preparation for graduate school.
- b) Compressing HED 435 Strategies & Practices (3) and HED 431 Program Planning and Evaluation (3 hrs) into 1 course: HED Strategies, Programming & Evaluation (3 hrs). There was a 50 % overlap of material between courses. Compression allowed for a coordinated approach of overlapping material, and integration of new material between courses. New text books are also compressing the material into one course.
- c) Addition of HED 4xx Public Health Emergency Preparedness & Management (3 hrs).

Rationale:

# SOCIETY FOR PUBLIC HEALTH EDUCATION (www.sophe.org)

"SOPHE recommends maximizing the collective impact of the public and private sectors to promote health:

Public Health Infrastructure, including Emergency Preparedness and Workforce Recruitment, Training and Retention Infrastructure, including Emergency Preparedness and

Workforce Recruitment, Training and Retention Ready or Not? Protecting the Public's Health from Diseases, Disasters, and Bioterrorism - The Robert Wood Johnson Foundation (www.rwjf.org): The U.S. public health system is responsible for protecting the American people from a range of potential health threats. An all-hazards public health system is one that is able to respond to and protect citizens from the full spectrum of possible public health emergencies, including bioterrorism and naturally occurring health threats. An all-hazards system recognizes that preparing for one threat can have benefits that will help prepare public health departments for all potential threats. 2) Increased Field Work Opportunities for Majors & Minors (to strengthen the areas of assessment and planning): a) students participated in a fundraiser, to work on networking in social settings b) students had the experience of participating in "Build a Better Block District" for the city of Canton. They learned how interact with multiple health agencies and organizations and their personnel, volunteers, and with residents of Canton to improve access to health in one city block. c) students participated in the Annual Stark County Health Summit and had

	the opportunity to see the collective	
	agencies that are involved in	
	addressing the health needs of the	
	citizens of Stark County. They were	
	responsible for conducting the	
	evaluation of the event by interviewing	
	residents who attended.	

Program Intended Learning	Means of Program Assessment &	Summary of Collected Data	Strengths & Weaknesses
Outcomes (PILO)	Criteria for Success		
PILO #2	PILO #2	PILO #2	PILO #2
#2 a) Implement health education/promotion, and conduct evaluation & research related to health education/promotion	a) National Certified Health     Education Specialist Examination     (CHES)      b) Supervisor Evaluation of Student	A) CHES Examination: No students took the CHES Examination in the April 2018 test cycle.	A) CHES Examination: No results.  B) & C) RESULTS of SUPERVISOR EVALUATION & SENIOR EXIT SURVEY: Desults of both avaluations continues
#2 b) Students will score close to the mean score in Quantitative Reasoning when compared CCCU Schools	c) Student Intern/Educator Senior Exit Survey  d) National Survey of Student Engagement (NSSE):  • Quantitative Reasoning  Relationship to Themes (Visible/Viable/Vibrant) &	Implementation: Malone = National Average =  Conducting Evaluation & Research: Malone = National Average =  B) Supervisor Evaluation: Students are competent	Results of both evaluations continues to reinforce the curriculum is strong, and prepares students for entry level positions in Community & Public Health Promotion. Students were ranked high by supervisors in implementing health education/promotion and conducting evaluation & research moving close to the very competent score (4.00). Seniors rated themselves slightly lower on the same items, placing
	Objectives  VISIBLE  a) Student Stakeholders = Increase awareness b) Internal Process = Develop marketing focus c) Organizational capacity = Clarify brand promise	implementing health education/promotion (3.75) & in conducting evaluation & research (3.82). Scores in implementation are slightly lower than last year, but remain in the competent range (3.00). Scores in conducting evaluation & research are the same as last year remaining in the competent range (3.00).  C) Senior Exit Survey: Students	them slightly above the competent score (3.00).  D) NSSE: 2018 data not available for comparison.  E: ADDITIONAL INFORMATION  1) Curriculum Changes in the Health Sciences
	VIABLE	think they are competent	Formative Wheel Spring 2018:

- a) Student **Stakeholders** = Diversify
- & increase revenue
- b) Financial resources =
  Optimize return on investment
- c) **Organizational capacity** = Build strategic financial understanding

#### **VIBRANT**

- a) Student stakeholders =Advance learning outcomes
- b) **Financial resources** = Align resources with priorities
- c) **Organization capacity** = Develop a student centered culture

implementing health education/promotion (3.07) & in conducting evaluation & research (3.13). Scores are slightly lower than last year, but remain in the

## D) NSSE:

## **Quantitative Reasoning**

competent range (3.00).

First Year Mean:

2014

Malone = 23.5

**CCCU = 24.7** 

NSSE = 28.8

**Senior Year Mean:** 

2014

Malone = 25.3

**CCCU = 27.7** 

**NSSE = 31.3** 

# The following changes in the Health Sciences curriculum was approved by the Faculty:

- a) BIOL 371 Microbiology to replace HED 342 Intro to Disease & Illness to strengthen both the undergraduate curriculum, and preparation for graduate school.
- b) Compressing HED 435 Strategies & Practices (3) and HED 431 –
  Program Planning and Evaluation (3 hrs) into 1 course: HED Strategies, Programming & Evaluation (3 hrs). There was a 50 % overlap of material between courses. Compression allowed for a coordinated approach of overlapping material, and integration of new material between courses. New text books are also compressing the material into one course.
- c) Addition of HED 4xx Public Health Emergency Preparedness & Management (3 hrs).

#### Rationale:

# SOCIETY FOR PUBLIC HEALTH EDUCATION (www.sophe.org)

"SOPHE recommends maximizing the collective impact of the public and private sectors to promote health:

Public Health Infrastructure, including Emergency Preparedness and Workforce Recruitment, Training and

Retention Infrastructure, including **Emergency Preparedness and** Workforce Recruitment, Training and Retention Ready or Not? Protecting the Public's Health from Diseases, Disasters, and Bioterrorism - The Robert Wood Johnson Foundation (www.rwjf.org): The U.S. public health system is responsible for protecting the American people from a range of potential health threats. An allhazards public health system is one that is able to respond to and protect citizens from the full spectrum of possible public health emergencies, including bioterrorism and naturally occurring health threats. An allhazards system recognizes that preparing for one threat can have benefits that will help prepare public health departments for all potential threats. 2) Increased Field Work **Opportunities for Majors & Minors** (to strengthen the areas of implementation and conducting research and evaluation): a) students participated in a fundraiser, to work on networking in social settings b) students had the experience of participating in "Build a Better Block District" for the city of Canton. They learned how interact with multiple health agencies and organizations and

	their personnel, volunteers, and with
	residents of Canton to improve access
	to health in one city block. They were
	responsible for conducting the
	evaluation of the event by
	interviewing residents who attended.
	c) students participated in the Annual
	Stark County Health Summit and had
	the opportunity to see the collective
	agencies that are involved in
	addressing the health needs of the citizens of Stark County.
	Citizens of Stark County.

Program Intended Learning	Means of Program Assessment &	Summary of Collected Data	Strengths & Weaknesses
Outcomes (PILO)	Criteria for Success		
PILO #3)	PILO #3	PILO #3	PILO #3
#3 a) Administer & manage health education/promotion, and serve as a health education/promotion resource person  #3 b) Students will score close to the mean score Collaborative	a) National Certified Health     Education Specialist Examination     (CHES)      b) Supervisor Evaluation of     Student Health Educators	A) CHES Examination: No students took the CHES Examination in the April 2018 test cycle. Administering & Managing Health	A) CHES Examination: No results.  B) & C) RESULTS of SUPERVISOR EVALUATION & SENIOR EXIT SURVEY: Results of both evaluations continues
Learning and Reflective & Integrative Learning when compared CCCU Schools	c) Student Intern/ Educator Senior Exit Survey	Education/Promotion Malone = National Average =	to reinforce the curriculum is strong, and prepares students for entry level positions in Community & Public Health Promotion. Students were
	d) National Survey of Student Engagement (NSSE):  Collaborative Learning Reflective & Integrative Learning	Serve as a Health Education/Promotion Resource Person: Malone = National Average =	ranked high by supervisors in administering & managing health education/promotion and serving as a health education/promotion resource person moving close to the very competent score (4.00). Seniors rated themselves slightly lower on the
	Relationship to Themes (Visible/Viable/Vibrant) &	B) Supervisor Evaluation: Students are competent in administering &	same items, placing them slightly above the <b>competent score</b> (3.00).
	Objectives  VISIBLE a) Student Stakeholders = Increase	managing health education/promotion (3.75) & serving as a health education/promotion resource person (3.94). Scores in	D) NSSE: 2018 data not available for comparison.
	awareness b) Financial resources = Invest in marketing expertise c) Internal Process = Develop marketing focus	administering are slightly lower than the previous year but remain in the competent range (3.00).  Scores in conducting research are a	E: ADDITIONAL INFORMATION  1) Curriculum Changes in the Health Sciences

d) **Organizational capacity** = Clarify brand promise

#### VIABLE

a) Student Stakeholders =
 Diversify & increase revenue
 b) Financial resources =
 Optimize return on investment
 c) Organizational capacity = Build

strategic financial understanding

#### **VIBRANT**

Advance learning outcomes
b) Financial resources = Align
resources with priorities
c) Organizational capacity =
Develop a student centered
culture

a) Student stakeholders =

higher than last and remain in the competent range (3.00).

### C) Senior Exit Survey:

Students think they are competent in administering & managing health education/promotion (3.04) & serving as a health education/promotion resource person (3.56). Scores are slightly lower than last year in administering and managing, but remain in the competent range (3.00). Scores in serving as a resource person are higher than last year and remain in the competent range (3.00).

# D) NSSE:

**Collaborative Learning** 

First Year Mean:

2014

Malone = 34.9

**CCCU = 33.2** 

NSSE = 34.7

**Senior Year Mean:** 

2014

**Malone = 33.7** 

CCCU = 32.7

NSSE = 35.4

#### Formative Wheel Spring 2018:

The following changes in the Health Sciences curriculum was approved by the Faculty:

- a) BIOL 371 Microbiology to replace HED 342 Intro to Disease & Illness to strengthen both the undergraduate curriculum, and preparation for graduate school.
- b) Compressing HED 435 Strategies & Practices (3) and HED 431 –
  Program Planning and Evaluation (3 hrs) into 1 course: HED Strategies, Programming & Evaluation (3 hrs). There was a 50 % overlap of material between courses. Compression allowed for a coordinated approach of overlapping material, and integration of new material between courses. New text books are also compressing the material into one course.
- c) Addition of HED 4xx Public Health Emergency Preparedness & Management (3 hrs).

#### Rationale:

# SOCIETY FOR PUBLIC HEALTH EDUCATION (www.sophe.org)

"SOPHE recommends maximizing the collective impact of the public and private sectors to promote health:

Reflective & Integrative Learning	Public Health Infrastructure, including Emergency Preparedness and
First Year Mean:	Workforce Recruitment, Training and
2014	Retention Infrastructure, including Emergency Preparedness and
Malone = 35.4	Workforce Recruitment, Training and
	Retention
CCCU = 36.6	
NSSE = 37.3	Ready or Not? Protecting the Public's
	Health from Diseases, Disasters, and
Senior Year Mean:	Bioterrorism – The Robert Wood Johnson Foundation (www.rwjf.org):
2014	Johnson Foundation (www.rwji.org).
Malone = 39.9	The U.S. public health system is
CCCU = 40.9	responsible for protecting the
NSSE = 41.1	American people from a range of
	potential health threats. An all-
	hazards public health system is one that is able to respond to and protect
	citizens from the full spectrum of
	possible public health emergencies,
	including bioterrorism and naturally
	occurring health threats. An all-
	hazards system recognizes that
	preparing for one threat can have
	benefits that will help prepare public
	health departments for all potential
	threats.
	2) Increased Field Work
	Opportunities for Majors & Minors
	(to strengthen the areas of
	administrating and managing, and
	serving as a resource person:
	a) students participated in a
	fundraiser, to work on networking in
	social settings
	Social Settings
	b) students had the experience of
	participating in "Build a Better Block

	District" for the city of Canton. They
	learned how interact with multiple
	health agencies and organizations and
	their personnel, volunteers, and with
	residents of Canton to improve access
	to health in one city block. They were
	responsible for conducting the
	evaluation of the event by
	interviewing residents who attended.
	c) students participated in the Annual
	Stark County Health Summit and had
	the opportunity to see the collective
	agencies that are involved in
	addressing the health needs of the
	citizens of Stark County.

Program Intended Learning	Means of Program Assessment &	Summary of Collected Data	Strengths & Weaknesses
Outcomes (PILO)	Criteria for Success		
PILO #4	PILO #4	PILO #4	PILO #4
#4 a) Communicate & advocate	a) National Certified Health	A) CHES Examination:	A) CHES Examination:
for health and health education	Education Specialist Examination	No students took the CHES	No results.
	(CHES)	Examination in the April 2018 test	D) 8 C) DECLUTE of CUDED/45OD
#4 b) Students will score close to		cycle.	B) & C) RESULTS of SUPERVISOR EVALUATION & SENIOR EXIT
the mean score Student Faculty	b) Supervisor Evaluation of		SURVEY:
Interaction and Collaborative	Student Health Educators	Communicate, Promote &	Results of both evaluations continues
Learning when compared CCCU		Advocate:	to reinforce the curriculum is strong,
Schools	c) Student Intern/ Educator Senior	Malone =	and prepares students for entry level
	Exit Survey	National Average =	positions in Community & Public
			Health Promotion. Students were ranked high by supervisors in
	d) National Survey of Student	B) Supervisor Evaluation:	communicate, promote & advocate
	Engagement (NSSE):	Students are competent in	for health education/promotion
	Student Faculty	communicate, promote &	moving close to the very competent
	Interaction	advocate for health	score (4.00). Seniors rated
	Collaborative Learning	education/promotion (3.66).	themselves slightly lower on the same
		Scores are slightly lower than last	items, placing them slightly above the
		year, but remain in the competent	competent score (3.00).
	Relationship to Themes	range (3.00).	D: NSSE:
	(Visible/Viable/Vibrant) &		2018 data not available for
	Objectives	C) Senior Exit Survey:	comparison.
	VISIBLE	Students think they are competent	
	a) Student Stakeholders = Increase	in communicate, promote &	
	awareness	advocate for health education	E: ADDITIONAL INFORMATION
	b) Financial resources = Invest in	(3.16). Scores are slightly lower	
	marketing expertise	than last year, but remain in the	1) Curriculum Changes in the Health
	c) Internal Process = Develop	competent range (3.00).	Sciences
	marketing focus	D) NSSE:	Formative Wheel Spring 2018:
		Student-Faculty Interaction	
		Student-I dealty interaction	

d) **Organizational capacity** = Clarify The following changes in the Health Sciences curriculum was approved by brand promise First Year Mean: the Faculty: 2014 Malone = 21.8 a) BIOL 371 – Microbiology to replace HED 342 – Intro to Disease & Illness to VIABLE CCCU = 20.1strengthen both the undergraduate a) Student Stakeholders = Diversify NSSE = 23.3curriculum, and preparation for & increase revenue graduate school. **Senior Year Mean:** b) Financial resources = b) Compressing HED 435 – Strategies 2014 Optimize return on investment & Practices (3) and HED 431 -**Malone = 24.1** c) Organizational capacity = Build Program Planning and Evaluation (3 **CCCU = 25.1** strategic financial understanding hrs) into 1 course: HED - Strategies, Programming & Evaluation (3 hrs). NSSE = 29.5There was a VIBRANT 50 % overlap of material between a) Student stakeholders = courses. Compression allowed for Advance learning outcomes **Collaborative Learning** a coordinated approach of overlapping material, and integration b) Financial resources = Align of new material between courses. resources with priorities First Year Mean: New text books are also compressing c) Organizational capacity = 2014 the material into one course. Develop a student centered culture Malone = 34.9 c) Addition of **HED 4xx – Public Health CCCU = 33.2 Emergency Preparedness &** NSSE = 34.7Management (3 hrs). **Senior Year Mean:** 2014 Rationale: Malone = 33.7 SOCIETY FOR PUBLIC HEALTH **CCCU = 32.7** EDUCATION (www.sophe.org) NSSE = 35.4"SOPHE recommends maximizing the collective impact of the public and private sectors to promote health: Public Health Infrastructure, including

> Emergency Preparedness and Workforce Recruitment, Training and Retention Infrastructure, including

**Emergency Preparedness and** Workforce Recruitment, Training and Retention Ready or Not? Protecting the Public's Health from Diseases, Disasters, and Bioterrorism – The Robert Wood Johnson Foundation (www.rwjf.org): The U.S. public health system is responsible for protecting the American people from a range of potential health threats. An allhazards public health system is one that is able to respond to and protect citizens from the full spectrum of possible public health emergencies, including bioterrorism and naturally occurring health threats. An allhazards system recognizes that preparing for one threat can have benefits that will help prepare public health departments for all potential threats. 2) Increased Field Work Opportunities for Majors & Minors (to strengthen the areas of communicate, advocate and promote: a) students participated in a fundraiser, to work on networking in social settings b) students had the experience of participating in "Build a Better Block District" for the city of Canton. They learned how interact with multiple health agencies and organizations and their personnel, volunteers, and with

	residents of Canton to improve access to health in one city block. They were responsible for conducting the evaluation of the event by interviewing residents who attended.
	c) students participated in the Annual Stark County Health Summit and had the opportunity to see the collective agencies that are involved in addressing the health needs of the citizens of Stark County.

# National Certified Health Education Specialist Exam (CHES #4)

	2019	2018	2017		16
	(n=0) Mean	(n=0) Mean	(n=0) Mean		=2) ean
	Nat MU	Nat MU	Nat MU	Nat	MU
Responsibility I				14.91	18.67
Responsibility II				16.82	19.00
Responsibility III				27.61	34.33
Responsibility IV				8.91	10.67
Responsibility V				12.33	17.33
Responsibility VI				8.98	11.00
Responsibility VII				12.52	16.00
T. 4.10	Nat MU	Nat MU	Nat MU	Nat	MU
Total Score				102.07	127.00
Pass Rate (%)				61.07	100.00

Nat = National

MU = Malone University

# Average on "Overall Responsibility" – Supervisor Evaluation of Student Health Educators (CHES #4)

Please rank the Student Health Educator on the 7 National Responsibilities identified below. Please circle the appropriate response using the scales provided.

			ot ipetent		Very Compe		Not Obser							
		1	2		3	4	0							
Responsibility								)19 1=)		)18 1 =9)		)17 1 =2)	0	verall
	$\bar{\mathbf{x}}$	SD	$\bar{\mathbf{x}}$	SD	$\bar{\mathbf{X}}$	SD	$\bar{\mathbf{x}}$	SD	$\bar{\mathbf{x}}$	SD	$\bar{\mathbf{x}}$	SD	$\overline{\mathbf{X}}$	SD
I									3.77	.42	3.93	.25		
II									3.80	.41	3.97	.18		
III									3.75	.44	3.93	.26		
IV									3.82	.39	3.82	.40		
V									3.75	.44	3.92	.28		
VI									3.94	.24	3.60	.52		
VII									3.66	.48	3.90	.30		

AREAS OF RESPONSIBILITIES: The entry-level health educator, working with individuals, groups, and organizations is responsible for:

I: Assess needs, resources & capacity for health education/promotion

II: Plan health education/promotion

III: Implement health education/promotion

IV: Conduct evaluation & research related to health education/promotion

V: Administer & manage health education/promotion

VI: Serve as a health education/promotion resource person

VII: Communicate, promote & advocate for health & health education/promotion and the profession

# Average on "Overall" Responsibility – Student Intern/Educator Senior Exit Survey (CHES #4)

Please rank yourself as a Student Health Educator on the 7 National Responsibilities identified below. Please circle the appropriate response using the scales provided.

		No Com	ot ipetent	(	Very Compe		Not Observe	ed						
		1	2	3		4	0							
Responsibility							2019 (n=)		2018 (n=)		2017 (n=3)		Overall	
	$\bar{\mathbf{x}}$	SD	$\bar{\mathbf{x}}$	SD	$\bar{\mathbf{x}}$	SD	$\bar{\mathbf{x}}$	SD	$\bar{\mathbf{x}}$	SD	$\bar{\mathbf{x}}$	SD	$\bar{\mathbf{x}}$	SD
I									3.32	.75	3.46	.54		
II									3.11	.73	3.52	.59		
III									3.07	.70	3.51	.51		
IV									3.13	.69	3.41	.50		
${f v}$									3.04	.77	3.39	.63		
VI									3.56	.50	3.40	.51		
VII									3.16	.73	3.37	.59		

RESPONSIBILITIES: The entry-level health educator, working with individuals, groups, and organizations is responsible for:

I: Assess needs, resources & capacity for health education/promotion

II: Plan health education/promotion

III: Implement health education/promotion

IV: Conduct evaluation & research related to health education/promotion

V: Administer & manage health education/promotion

VI: Serve as a health education/promotion resource person

VII: Communicate, promote & advocate for health & health education/promotion and the profession